UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

06/29/2005

COASTAL SYSTEMS STATION, DAHLGREN DIVISION NAVAL SURFACE WARFARE CENTER 6703 W HWY 98 CODE CP2L PANAMA CITY, FL 32407-7001 EXAMINER

LEWIS, AARON J

ART UNIT PAPER NUMBER

3743

DATE MAILED: 06/29/2005

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/051,731	01/22/2002	Marshall L. Nuckols	83,319	8651

TITLE OF INVENTION: SYSTEM FOR SIMULATING METABOLIC CONSUMPTION OF OXYGEN

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional -	· NO	\$1400	\$300	\$1700	09/29/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE	ns. CE ADDRESS (Note: Use Block 1 for	any change of address)		<del></del>	Note: A certificate of	mailing can only be used for	or domestic mailings of the	
					Fee(s) Transmittal. The papers. Each addition	mailing can only be used for nis certificate cannot be used al paper, such as an assignment e of mailing or transmission.	for any other accompanying	
	590 06/29/2005				have its own certificat	e of mailing or transmission.		
			OIVISION		Ce I hereby certify that the States Postal Service addressed to the Mai transmitted to the USI	rtificate of Mailing or Trans his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.	
,							(Depositor's name)	
							(Signature)	
							(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED	INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/051,731	01/22/2002		Marshall L	. Nucko	ls	83,319	8651	
TITLE OF INVENTION: S	YSTEM FOR SIMULATING	G METABOLIC C	ONSUMPTIO	ON OF (	OXYGEN	•		
_						-		
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400			\$300	\$1700	09/29/2005	
EXAN	MINER	. ART UN	т	CL	ASS-SUBCLASS	ן		
LEWIS,	AARON J	3743	•		128-200240	_		
1. Change of correspondence	e address or indication of "Fe	ee Address" (37	2. For print	ting on t	the patent front page, l	ist		
CFR 1.363).  Change of correspond	dence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
Address form PTO/SB/T	22) attached.		(2) the nan	ne of a s	single firm (having as	a member a 2		
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
	RESIDENCE DATA TO B				* * '			
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified be n 37 CFR 3.11. Completion	low, no assignee of this form is NO	data will appe Γa substitute i	ear on the	he patent. If an assign g an assignment.	nee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGN			RESIDENCE: (CITY and STATE OR COUNTRY)					
		•	•	,		,		
Please check the appropriate	e assignee category or catego	ries (will not be pri	inted on the pa	atent):	Individual 🗆 C	orporation or other private gro	oup entity Government	
4a. The following fee(s) are	enclosed:	4b	. Payment of	• •				
Issue Fee			A check in the amount of the fee(s) is enclosed.					
Publication Fee (No small entity discount permitted)  Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to					
			Deposit Acco	ount Nu	mber	(enclose an extra c	opy of this form).	
	(from status indicated above MALL ENTITY status. See		□ b	• i	James alaimina SMA	LL ENTITY status. See 37 C	ED 1.27(-)/2)	
NOTE: The Issue Fee and P interest as shown by the rec	rublication Fee (if required) vords of the United States Pate	vill not be accepted ent and Trademark	from anyone Office.	other th	nan the applicant; a reg	ly paid issue fee to the applicatistered attorney or agent; or the	ne assignee or other party in	
Authorized Signature					Date			
Typed or printed name								
This collection of information application. Confidential submitting the completed at this form and/or suggestion. Box 1450, Alexandria, Virg Alexandria, Virginia 22313	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. pplication form to the USPTs for reducing this burden, straina 22313-1450. DO NOT 1450.	11. The informatio 122 and 37 CFR 1 O. Time will vary lould be sent to the SEND FEES OR C	n is required to the second to	to obtain lection i oon the i nation O FORM	or retain a benefit by s estimated to take 12 individual case. Any c officer, U.S. Patent and S TO THIS ADDRES	the public which is to file (an minutes to complete, includir omments on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/051,731	01/22/2002	Marshall L. Nuckols	83,319	8651
75	90 06/29/2005	EXAMINER		
	TEMS STATION, DAHL E WARFARE CENTER	LEWIS, AARON J		
6703 W HWY 98 C		ART UNIT	PAPER NUMBER	
PANAMA CITY, F	FL 32407-7001		3743	
			DATE MAILED: 06/29/200	5

DATE MAILED: 06/29/2005

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 830 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 830 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.